

Memorandum



Date: April 10, 2007

To: Honorable Chairperson Natacha Seijas
and Members, Governmental Operations and
Environment Committee

GOE
Agenda Item No. 7E

From: George M. Burgess
County Manager

Subject: Storm Drain Cleaning Report No. 4

At the February 7, 2006, meeting of the Board of County Commissioners, it was requested that a recurring report be provided to this Committee, formerly known as the Infrastructure and Land Use Committee (INLUC), regarding the status of storm drain cleaning activities by Commission District. Storm Drain Cleaning Reports No.'s 1, 2, and 3 documenting the progress of storm drain cleaning efforts of debris from Hurricanes Katrina and Wilma were provided at the March, September and December INLUC meetings, respectively.

The December report indicated that the Federal Emergency Management Agency (FEMA) funded work was anticipated to begin by December 2006. These contracts were awarded and work commenced in January 2007. The Federal Highway Administration (FHWA) funded work was expected to start in February 2007. However, some delays were experienced during the bidding process of the contracts and it is anticipated that the FHWA work will commence by May of this year. On-going routine maintenance activities and the PWD's response to specific service calls throughout the County remain unaffected and continue as planned.

The total funding for this storm drain cleaning project is approximately \$13.5 million with a FEMA contribution of \$4.73 million, an FHWA contribution of \$5.75 million, a State contribution of \$787,500 and a County share of \$2.23 million. In the March 2006 report, it was estimated that FEMA would approve approximately \$8 million for their portion of the cost. To date, the County has received approval for up to \$4.73 million from FEMA; however, the agreement with FEMA states that the County will be eligible for reimbursement of actual costs should these costs exceed the allocated amount. The cost-share for FEMA-approved funding is 75% FEMA, 12.5% State of Florida, and 12.5% County. The cost-share for FHWA funding is 80% FHWA and 20% County. All County matching funds will be provided from the Stormwater Utility.

Included as part of this report, please find the drain cleaning data for the months of January and February, and projections based on work completion progress listed by Commission District. The projections are based on average drain cleaning production rates and the inventory of drains in each District. It is an estimated timeline for completion of work in each District, and assumes even distribution of drain cleaning crews throughout the Districts. Each Commission District will have crews assigned each month until the drain inventory is complete. However, the number of drains cleaned monthly will depend on actual production rates and actual crew distribution, which will vary from month to month. Therefore, some months will have lower production which will be balanced by

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months of higher production, since the schedule is based on estimated averages. The production for January and February is low in some Districts because these are not full month's worth of data. One (1) FEMA contractor commenced in January and the other three (3) were phased in during the month of February.


Assistant County Manager

Miami-Dade County PWD Storm Drain Cleaning Projection Report

Planned Drain Cleaning Work By Commission District

Combined PWD and FEMA (\$6.3M) Drain Cleaning	Actual Cleaned Planned Cleaned
Combined PWD, FEMA (\$6.3M), and FHWA (\$5.75M) Drain Cleaning	Actual Cleaned Planned Cleaned

Drain Inventory By Commission District	Drains Cleaned Per Month By County Forces and Contractors														
	Jan'07	Feb'07	Mar'07	Apr'07	May'07	Jun'07	Jul'07	Aug'07	Sept'07	Oct'07	Nov'07	Dec'07	Jan'08	Feb'08	Mar'08
District 1: 9,800 Drains Commissioner Jordan	297	907	260	260	470	470	510	700	800	800	800	800	1120	1120	1400
District 2: 7,700 Drains Commissioner Rolle	260	754	260	260	470	470	510	700	800	800	800	800	Complete	Complete	Complete
District 3: 1,900 Drains Commissioner Edmonson	39	7	260	260	470	470	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
District 4: 2,600 Drains Commissioner Heyman	9	312	260	260	470	470	510	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
District 5: 700 Drains Commissioner Barreiro	260	195	260	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
District 6: 2,700 Drains Commissioner Sosa	260	260	260	260	470	470	510	Complete	Complete	Complete	Complete	Complete	Complete	Complete	Complete
District 7: 2,800 Drains Commissioner Gimenez	17	558	260	260	470	470	510	700	Complete	Complete	Complete	Complete	Complete	Complete	Complete
District 8: 6,200 Drains Commissioner Sorenson	46	570	260	260	470	470	510	700	800	800	800	800	Complete	Complete	Complete
District 9: 15,900 Drains Vice Chairman, Commissioner Moss	463	241	260	260	470	470	510	700	800	800	800	800	1120	1120	1400
District 10: 9,900 Drains Commissioner Souto	335	574	260	260	470	470	510	700	800	800	800	800	1120	1120	1400
District 11: 9,700 Drains Chairman, Commissioner Martinez	79	348	260	260	470	470	510	700	800	800	800	800	1120	1120	1400
District 12: 12,100 Drains Commissioner Diaz	164	151	260	260	470	470	510	700	800	800	800	800	1120	1120	1400
District 13: 2,500 Drains Commissioner Seijas	260	260	260	260	470	470	510	700	800	800	800	800	1120	1120	1400

Note 1: At-risk basins and emergency/service calls are primarily handled by PWD. PWD also handles regular operational maintenance based on maintaining a maximum 8-year cleaning cycle for the entire system. In addition, PWD handles repair and mitigation activities after damages to the system by hurricanes and other storms. Priorities for this type of work are set depending on the extent of the damage and approved funding.

Note 2: A portion of the drains in Commission Districts 1, 2, 3, 6, 9, 11, & 13 were already cleaned after Hurricanes Katrina and Wilma with the STDC1, STDC2, and STDC3 maintenance contracts. Therefore, those drains will not be cleaned by FEMA or FHWA.